

Abstract of the Disclosure

The stud replacement kit of the present invention operates by supplying force to the inside portion of a damaged stud and pushing that stud forward and out of the wheel. The kit of the present invention comprises a pressure tool that supplies force to a stud. This pressure tool fit around the wheel and damaged stud; and a spacer that fit between the front of the wheel and the pressure tool. This spacer serves primarily to catch the stud once removed. In operation, the broken or damaged stud is removed by placing the pressure tool and spacer around the stud to be replaced. A stud screw mechanism in the pressure tool is rotated to cause the tool to apply force to the stud primarily on the backside of the wheel. This force is increased until it overcomes the force that holds the stud in the wheel. At this point, the force of the pressure tool on the stud causes the stud to move in the desired direction for removal.